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(June 1941)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone
NATIONAL PARK

FILE NO.

SUPERINTENDENT'S MONTHLY REPORT

MONTH OF JULY, 1947

	ROGERS
✓	JOHNSTON
✓	JOFFE
✓	ANDERSON
	KURTZ
	SHOREY
	JOHNSON
✓	Matteson
✓	CONDON
✓	LA NOUE
	ELLIOTT
	EVANS
	CHAPMAN
	SKINNER
✓	WOHLBRANDT
	ROBINSON

IMPORTANT

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NEWTON B. DRURY,
Director.

U. S. GOVERNMENT PRINTING OFFICE 16—22371

Summary of the July, 1947, Monthly Narrative Report for

YELLOWSTONE NATIONAL PARK

		Page
SPECIAL ACTIVITIES:	Sup't to Bozeman and West Yellowstone. Devils Tower transferred from Yellowstone to Wind Cave supervision. Steno-Typist exam announced. Campground Committee appointed, and met on July 28.	1
	In-Service training continued during month.	2
INSPECTIONS:	McGrath, Director's Office; Webber, Sutton and Robertson in and out to Glacier; Mulvany and Bressler; Chief Ranger Hjort; Greenawalt and Aspan of Chicago office; Architect Davidson of Region Two; Chief Ranger Ogston of Death Valley; Fellows of P.O. Dept., Casper; Sharkey, Grand Coulee Dam Project; Foster Kunz and E. C. Johnson, of FBI, Washington and Casper; in the Park during the month.	2
	Hall, Supt., George Washington's Home; Vawter of Bureau of Budget, Denver; and Cecil Thomas, USGS, Boise, in.	3
	Merriam, Regional Director, Region Two, in; Tooley, Naval Intelligence Agent, Seattle; Neil Mosley, FWS, Chicago, and Adams, FWS, Missoula; Tunneson, FWS, Chicago; and Richard H. King, CSC, Denver, in Park during the month.	3
GENERAL PUBLICITY:	First issue of Yellowstone News Letter issued. Two press releases during month. No 1947 "Broadsides" received by end of July.	3
COMPLAINTS:	Thirteen written complaints received during month of July.	3
MAINTENANCE:	Roads in general suffering from delay in maintenance work, as well as from heavy travel.	4

Summary of the July, 1941, Monthly Narrative Report for

YELLOWSTONE NATIONAL PARK

		Page
SPECIAL ACTIVITIES:	Day's to Jackson and Fort Yellowstone. Davis Power transferred from Yellowstone to Fish Cove superintendent. Cocco-Tuplay case announced. Tourist Conditions appointed, and met on July 22.	1
	In-service training conference during month.	2
INSPECTIONS:	Mission 66. Director's Office: Yellowstone. Section and Subsections in and out of District; Military and Accounts; Chief Ranger Floyd; Treasurer in and Upper of Chicago office; Architect Davidson of Region Two; Chief Ranger Dixon of Fort Yellowstone; Bureau of P.O. Dept., Cooper; Energy, Grand Canyon Gas Products Power Plant and L. C. Johnson, of Tel. Washington and Cooper; in the Park during the month.	2
	Hall, Dept., George Washington's Home Center of Bureau of Budget, Survey and Coal Tenure. Dr. Dotse, Jr.	3
	Service, Regional Director, Region Two, Inc Tooley, Naval Intelligence Agent, Sheffler Hall Nealy, Pub. Chicago, and Adams, Pub. Minneapolis Tuscaloosa, Pub. Chicago and Albert H. Kim, Con. Denver, in Park during the month.	3
GENERAL PUBLICITY:	Press issue of Yellowstone from Letter issued. Two press releases during month. The Light "Yellowline" received by end of July.	3
COMPLAINTS:	Thirteen written complaints received during month of July.	3
MAINTENANCE:	Roads in general suffering from delay in maintenance work, as well as from heavy travel.	4

		Page
PLANS, MAPS & SURVEYS:	Old Faithful to Isa Lake Project progress is fair; probable date of completion set at October 15. Project 1-F3, 04 revised and reduced in scope.	4
	Project C42, South Approach Road, bids open, with McLaughlin, Inc., as low bidder, $208,479.	5
CONCESSIONERS:	Conference to discuss designs for the West Thumb area; the automatic sprinkler systems for Canyon and Old Faithful, held during month. Tourist Cabins at Old Faithful to be painted a sage green.	5
	Lake Hotel opened July 1, and to remain open through August. Souvenir pocket medal designed by Jack E. Haynes, available and on sale in Haynes' shops.	6
TRAVEL:	95,320 vehicles in with 321,521 visitors during month of July, bringing total season to the end of July to 533,045 visitors.	7
	All-time travel record for single day established on July 4, with 17,830 visitors. Also, travel hit the half million mark on July 28.	8
VISITORS:	Governors Hildreth, Mabry, Meadows and Dewey in.	8
	Feininger, Life; Davis, Louisville Times; Davis, American Pioneer Trails Assn.; Sanders, Dept. of Labor; Hunter, National Housing Authority; Hodges, columnist; Wirth, Minneapolis City Park System, in the Park during the month.	8
	Piggott, Cosmos Club; Wallace, Chicago Tribune; Thiem, Chicago Daily News; Gamow, Prof at George Washington University; and Vickrey, Sierra Club, Los Angeles, in Park during July.	8
WILDLIFE:	Bears numerous around Park roads. Special investigation of grizzly bear problem at Canyon made. Bear inventory made, to be compiled later.	9
	Buffalo, in general, remained in isolated regions.	10
ACCIDENTS:	Monson, Glenwood, Minnesota, drowned. Mrs. Susan Calko, Great Falls, Montana, died of a heart attack. John P. Adams, retired Army Major, died of heart attack on Tower Creek. Lois Pallesen, of Neligh, Nebraska, drowned in Old Faithful swimming pool. Herman Hutton, Robert Clark and Gene Reidiman of Elk Basin, Wyoming, drowned in Yellowstone Lake.	11

PLANS, MAPS & SURVEYS: Old Faithful to Ina Lake Project proposes
is Park's probable date of completion and is
October 15. Project I-75, 5b matters are re-
duced in scope.
Project CGA, South approach road, bids open,
with Kalamazoo, Inc., as low bidder, $502,175.

CONCESSIONS: Conference to discuss designs for the Yaks
Tusks area, the automatic sprinkler system for
Canyon and Old Faithful, hold during month.
Tourist Cabins at Old Faithful to be painted a
sage green.
Lake Hotel opened July 1, and to remain open
through August.
Governor Peelet medal designed by Jason .
Sayers, available and on sale in Rangers' shops.

TRAVEL: 75,380 vehicles in with 321,321 visitors during
month of July, bringing total season to the
end of July to 735,015 visitors.
All-time travel record for single day established on July 4, with 17,850 visitors. Also,
travel hit the half million mark on July 30.

VISITORS: Governors Hildreth, Kerby, Meadows and Sawyer in.

Delaneyer, Life; Davis, Louisville Times; Davis,
American Pioneer Textile Assn.; Sandore, Dept. of
Labor; Sunter, National Speaking Authority; Hedges,
Columbia; Kirk, Chesapeake City Park System,
in the Park during the month.

Piggott, Cosmos Club; Ballone, Chicago Tribune;
Inlem, Chicago Daily News Bureau, Prof. at George
Washington University and Vickery, Sierra Club,
Los Angeles, in Park during July.

WILDLIFE: Bears numerous around Park roads. Biocial
investigation of grizzly bear problem at Canyon
made. Bear inventory made, to be compiled later.

Buffalo, in general, remained in isolated regions.

ACCIDENTS: Hanson, Glenwood, Minnesota, drowned. Mrs.
Susan Calkin, Grand Island, Montana, died of a
heart attack. John P. Lamm, retired Army Major,
died of heart attack on Tower Creek. Lola Nilsson,
of Joliet, Nebraska, drowned in Old Faithful swimming
pool. Thomas Hutson, Robert Clare and Dana
Hallman of Air Scouts, Wyoming, drowned in
Yellowstone Lake.

		Page
PERSONNEL:	Bridges resigned eob July 11. Haines resignation effective 3:00 p.m., July 28. Sedar's appointment as Park Ranger terminated July 12.	11
MISCELLANEOUS:	Son to Mr. and Mrs. Donald K. Horn; son to Mr. and Mrs. Raymond Nichols; daughter to Mr. and Mrs. David H. Lyons; daughter to Mr. and Mrs. Haworth.	11
	Daughter to Mr. and Mrs. O. E. Severson; daughter to Park Ranger and Mrs. Boris T. Vladimiroff; and a son to Mr. and Mrs. Charles M. Harruff.	12
	Marriage of Betty Jean Loosli and Kenneth W. Boyd on July 22 at Mammoth Chapel.	12
	William Wirt King, Jr., former temporary ranger, died in Chicago on July 14.	12
	Mushroom poisoning of Mr. and Mrs. Stanley Nowakowski. Lives saved through quick thinking of Park naturalists, rangers and nurse at Lake, and fast transportation to Mammoth.	12
	Musical program at Mammoth Chapel on July 22; and Daily Vacation Bible School conducted from July 21 through July 25.	12

PROBATIONERS:

Bridget resigned as duty 11. Brings weighs-
tion effective 3:00 p.m., July 30. Sodaria ap-
pointment as Park Ranger terminated July 12. 11

MISCELLANEOUS:

Son to Mr. and Mrs. Donald E. Ferri; son to
Mr. and Mrs. Raymond Vlaholis; daughter to Mr.
and Mrs. David H. Lyons; daughter to Mr. and
Mrs. Haworth. 11

Daughter to Mr. and Mrs. C. H. Sawyers; daughter
to Park Ranger and Mrs. Boris T. Vladimirov; and
a son to Mr. and Mrs. Charles M. Harrell. 12

Marriage of Betty Jean Lowell and Kenneth J.
Boyd on July 22 at Hancock Chapel. 12

William Mirt King, Jr., former temporary ranger,
died in Chicago on July 13. 12

Bathroom poisoning of Mr. and Mrs. Stanley
Hawkowski. Lives saved through quick thinking
of Park Naturalists, rangers and nurse at Lake,
and fast transportation to Marquette. 12

Musical program at Hancock Chapel on July 22;
and Daily Vacation Bible School conducted from
July 21 through July 25. 12

August 8, 1947

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of July, 1947.

Weather Conditions. Normal temperatures with below normal precipitation was recorded at Mammoth during July. Six days were clear, 23 partly cloudy and 2 cloudy. The total precipitation for the month was 0.71 inches as compared with 1.71 inches in July 1946, 0.99 inches in 1945 and 0.95 inches in 1944. A maximum temperature of 89 degrees was recorded on the 7th and a minimum of 36 degrees on the 1st. Several lightning storms occurred during the last two weeks in the month.

Special Activities. Superintendent Rogers went to Denver, Colorado, on July 15, to confer with Forest Service officials regarding signs along the highway between the Northeast Entrance and Cooke, and to West Yellowstone on July 18 to meet the Governor Dewey party.

On July 1, Devils Tower National Monument was transferred from the supervision of the Superintendent, Yellowstone National Park, to the supervision of the Superintendent, Wind Cave National Park.

The Thirteenth U. S. Civil Service Region announced an examination on July 5 for Stenographer-Typist, closing date for filing of applications being July 28. The closing date was later extended to August 11.

Superintendent Rogers appointed a Campground Committee on July 7 to study planning, trends of use, preservation of vegetation and administration and control of campground populations. The Committee consisted of Mr. Johnston as Chairman; Messrs. Mattson, Condon, Elliott, Teilbrandt and Skinner, as members. The Committee met on July 28 to discuss the advisability of reducing the length of stay in campgrounds to ten days within any one camp so as to relieve the congestion in them. Statistical data is to be gathered to support this recommendation. Also, a decided trend toward proposing the greater use of facilities outside the Park rather than continue their expansion within the Park was expressed. There was also discussion on the proposal to work toward a program which would place all of the overnight facilities outside the Park, including camping.

Chief Clerk Neal G. Ruse, Wind Cave National Park, arrived in the Yellowstone on July 10, to transfer files and other records from Yellowstone Park to Wind Cave in connection with the transfer of supervision of Devils Tower from Yellowstone National Park to Wind Cave National Park.

In-Service Training. During the month of July, 2,[illegible] man-hours was spent by Protection Division personnel in receiving In-Service Training. Most of this time (2,254 man-hours) was spent in Fire Control Training. The personnel involved were seasonal rangers, road crews, and other National Park Service employees. A total of 5,654 man-hours was spent in this activity from April 15, 1947, to the end of June, and this together with July's In-Service Training hours makes a net total of 8,075 man-hours consumed to date. Approximately 459 permanent and seasonal National Park Service employees and 499 concessioner employees have attended the various training programs. The concessioner employees have received 591 man-hours of training pertinent to the organization and operation of the National Park Service while the National Park Service employees have received 7,484 man-hours of training. An analysis of the time spent on each particular subject of our organizations work indicates that some phases of work have received more training than appears to be necessary, while other phases have received inadequate training. To overcome this to some degree it is planned that by follow-up training during the months of August and September we can strengthen the weaker subjects that our employees have not received.

Some kodaslide photographs have been taken of the various types of Forest Fire Fighting Equipment which will be of value in future training programs. Additional photographic studies are planned with a view of developing visual training aides in training employees in other phases of our work such as lookout duty, trail maintenance, patrol cabin maintenance, traffic control, orientation of park features and wearing of the uniforms.

During the month park ranger naturalists at Old Faithful, Fishing Bridge, Canyon and Tower Falls have received In-Service training on forest fire prevention and suppression. These training programs were conducted by the Protection Division and attended by all parties interested in receiving such training.

Park ranger naturalists in the field have received training and instruction following auditing of campfire programs and conducted trips. This constructive criticism has improved the technique of these men and the type of information presented to the public by them.

Inspections. Madeleine M. McGrath, Information and Editorial Specialist, from the Director's Office, in July 1. On July 2, Aero F. Weber, Dick Sutton of Chicago, and William E. Robertson of Omaha, in South. They left for Glacier on July 11 via the North Gate. Raymond Sulvany, Auditor, Region Two Office, in with Lyle L. Dressler, Chief Clerk, Grand Teton National Park, on July 7. Frank A. Kjort, Chief Ranger, Hawaii National Park, in South on vacation on July 7. On July 8, Margaret F. Greenawalt and Gary A. Aspen from the Chicago Office came into the Park, as did Halsey M. Davidson, Architect, from the Region Two Office. On July 9, Dr. Charles C. Goodbury, member, Concessions Advisory Group, came in the South Gate and departed on the same day. Ted Ogston, Chief Ranger, Death Valley, in July 9. Mr. T. A. Follows, Postal Inspector, Post Office Department, Casper, Wyoming, in July 9. Mr. Fred Sharkey, Office Engineer, Bureau of Reclamation, Grand Coulee Dam Project, Washington, in July 9. Mr. George Walker out North Gate on July 11. Foster Kuns, Agent in charge of traffic control, F.B.I., Washington, D. C., in South on July 16, with A. O. Johnson, F.B.I., of Casper, Wyoming.

Charles C. Wall, Superintendent, George Washington's Home, Mount Vernon, Virginia, in July 18. Wallace E. Vawter, Chief Field Representative, Bureau of the Budget, Denver, Colorado, in July 19. In July 24, Cecil Thomas, U. S. G. S., Boise, in; out July 29.

Lawrence C. Merriam, Regional Director, Region Two, in July 26. Mr. Merriam left for Glacier National Park on July 30 with Landscape Architect Mattson. Creath A. Tooley, Agent, Naval Intelligence, Seattle, Washington, in July 25. Neil Foeley, Division of Lands, U. S. Fish & Wildlife Service, Chicago, and Lowell Adams, Fish & Wildlife Service, Missoula, in July 25. Mr. Tunneson, Fish & Wildlife Service, Chicago, in July 26. Mr. Richard V. King, Inspector, Civil Service Commission, Denver, in July 26.

General Publicity. A new method of informing employees, operators and others of happenings in the Park, and to further the in-service training program was put into effect on July 4 with the first issue of the Yellowstone News Letter. These letters will be issued each Friday. Five different issues have been prepared during the month of July for distribution. Three hundred copies of the News Letter were sent to National Park Service employees and to those to whom the information is of value.

A press release was issued on July 15 with regard to the 75th Anniversary decalcomania and pocket souvenir, and also one on bear incidents. Also, a number of telegrams and long distance calls were sent out and made to the press associations in connection with Park accidents.

No government literature has been available for distribution at the Park gates since June 20, when our supply was entirely exhausted. It has been necessary to apologize to Park visitors due to our inability to furnish them with literature containing maps and other information. The proofs for these broadsides were sent in early in January and it was expected that they would be received long before the season started. No copies of the 1947 broadsides was available by the end of the month of July, despite several requests from the Superintendent's Office to try to hurry them along. The last date promised was July 25.

A breakdown of publication sales was included in the Report of the Naturalist Division for July, 1947.

Complaints. Thirteen written complaints came into the Superintendent's Office during the month of July. One had to do with sanitation and the toilet situation near Fishing Bridge, two complaints concerned the Park highways, particularly the section of road between Moran and the South Gate, four general complaints regarding unsatisfactory conditions in Yellowstone, high prices of accommodations, and discourtesy on the part of registration clerks. Also, a complaint was registered regarding food and accommodations at Old Faithful Inn. There was one complaint concerning applicant's inability to get a response in regard to reservations requested, one complaint regarding difficulty to retain accommodations, one regarding inability to purchase popular photo films in the Park, one concerning the complaint of a towing charge which was made of a tourist, and one which made the suggestion to prohibit the sale of beer and liquor, as well as tobacco products.

Maintenance. The roads in general are suffering from the long delay in maintenance and it has been found difficult to keep up with the heavy demand for repair throughout the entire Park. Complaints are not uncommon, but when one sees the condition of many of the roads outside the Park there is less reason for complaint.

Guard rail is now being replaced at the Madison Junction area. The platforms, guard rails and trail at Tower Falls have been finished. Maintenance work on trails and platforms at Canyon has been underway during the month.

There are no new building construction projects underway other than the finishing of the three temporary houses in the lower residential area and on which no work has been done during the summer months. Major repair work on the museums was reviewed in the field. General conclusions reached were that the rafter ends on the Norris and Madison Museums were in such condition that they must be cut short, as it is impractical to replace them without unreasonable cost. Repair work will be attempted on the Fishing Bridge Museum to save whatever is possible. Some replacement will be made and then the top half of the log ends of rafters and purlins will be covered with copper flashing. Purlins on other museums will also be flashed. Painting will be started soon and generally the same colors will be used except that slight changes may be made to a few of the trim colors.

Plans have been prepared for augmenting the scant water supply at Canyon by the installation of a motor driven pump and a wooden tank. Plans have also been prepared for water connections and metering at Old Faithful to hook the government supply into the hotel system so as to assure a suitable water supply for the public.

On Account 512, Prefabricated Wooden Walks, as fast as the lumber is delivered, the walks are prefabricated and hauled to the job and installed. About 500 feet has been placed at Castle Geyser area and approximately 100 feet at Emerald Pool. With respect to Account 410, Major Repair and Rehabilitation, a campground crew has been working the entire month at Old Faithful and Fishing Bridge camp grounds, repairing tables, fire places and barriers. Seventy new portable fire places were made and placed.

Plans, Maps and Surveys. Project 1-D1, D3, Bituminous Surfacing, Old Faithful to Isa Lake; McLaughlin, Inc., contractor; calendar days 133; per cent of time elapsed, about 17; per cent of work completed, about 4; probable date of completion, October 15, 1947. The Public Roads Administration reports the progress on this project is fair. The bituminous plant has been set up and a large amount of preliminary cleanup and grading work has been done in readiness for the bituminous surfacing material. Traffic is very heavy and no doubt will interfere to some degree with the progress of the work. Borrow and special material pits have been discussed with Project Engineer Anderson and approved.

Project 1-F3, G4, Grading and Surfacing Canyon Area. The Public Roads Administration was authorized to revise the proposed work for this project in accordance with recommendations submitted from the Park and subsequently reduced greatly in scope by deleting the surfacing and parking area work. The project will consist only of finishing the grading and some palliative oiling and eliminating the surfacing and parking areas. This has been done to confine the proposed work to the amount of funds available.

Maintenance. The roads in general are satisfactory [illegible] maintenance and it has been found difficult to keep [illegible] properly arranged the mining work. Complaints [illegible] are the conditions of many of the roads outside the [illegible] are complaints.

Guard rail is now being replaced on the mining [illegible] forms, guard rails are small as fewer rails have been [illegible] work on rails and platforms at Lemon [illegible].

There are no new building construction projects [illegible] mining of the three temporary houses in the lower [illegible] the mission has actions in the [illegible] the review made on the Kanik and [illegible] work is started. Equipt work will be attempted on the [illegible] area is possible. Some replacements will be made [illegible] log cabs or rafters and muslins will be covered with [illegible] or other measures will also be [illegible] generally the [illegible] made to a [illegible] of the area outline.

Plans have been prepared for supplying the south water supply [illegible] by the installation of a motor [illegible] pump set a [illegible] have prepared for other improvements [illegible] permanent supply [illegible] for the public.

On account 113, Prefabricated [illegible], as [illegible] the [illegible] in [illegible] literal, the solar [illegible] 204 man has been [illegible] material [illegible]. [illegible] a [illegible] crew has been working the entire month on the [illegible] [illegible] ground, repairing [illegible], fire plants and [illegible] portable fire pumps were made and [illegible].

Plan. Plan and [illegible]. [illegible] [illegible] of the [illegible] of the [illegible]. [illegible] the progress on this project is fair. The [illegible] plant has been [illegible] a large [illegible] of preliminary [illegible] [illegible] [illegible] for the [illegible] material. Traffic is very [illegible] and [illegible] will [illegible] [illegible] the progress of the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Project 1-73, 3b, Grading and Surfacing Jackson Creek. The [illegible] [illegible] [illegible] [illegible] [illegible]

Project C2, Grading and Surfacing, South Approach Road, Moran to Yellowstone. On July 25 the Public Roads Administration Office in Cheyenne opened bids for the Moran-Yellowstone, Section C, Project. Four bids were received, with McLaughlin, Inc., low with a bid of $208,179. for the construction of 3.271 miles of grading and base course surfacing, including a steel and concrete bridge over the Snake River.

Concessioners. An afternoon conference was held on July 10 at which the following concessioners were present to discuss the suggested designs for the West Thumb area. Jack Haynes, of Haynes, Inc., Trevor Povah, of Hamilton Stores, Inc., W. W. Nichols, Howard Brown, John Nichols and Huntley Child, Jr., of the Yellowstone Park Company, and Fred Willson, Architect for Haynes, Inc., and the Yellowstone Park Company. Park Service officials present were Superintendent Rogers, Assistant Superintendent Johnston, Park Engineer Vollbrandt, Regional Engineer Robertson, Architects Sutton and Davidson, Engineer Tabber and Landscape Architect Mattson. This meeting was reported in Mr. Davidson's report on his visit to the Park especially for this meeting. The general conclusions reached were that the concessioners would follow the suggested plans when the buildings they propose for the area are planned.

There were other discussions regarding the routing and submission of plans in which the concessioners criticized the procedure whereby they were delayed in making certain installations. The criticism did not appear to be entirely justified although there is undue delay in routing plans through Service offices. The concessioners are finding it difficult to obtain the services of professional men to assist them with detail plans which are now required and which they have not been accustomed to submitting prior to this time.

Automatic sprinkler systems for Canyon Motel and Old Faithful Inn. Conferences were held with the concessioners and representative of the Grinnell Company and the visiting engineers and architect regarding plan routing for the proposed installations. This resulted in clearance from the Director's Office to authorize the installations with subsequent submission of the final plans for the records of the Service.

Paint samples have been prepared on tourist cabins at Old Faithful and were reviewed with Regional Director Merriam and Yellowstone Park Company representative on July 29. The tourist cabins will now be painted a sage green.

Mr. Davidson has explained the conditions surrounding the plans for the laundry and dormitory at Mammoth, in that the Manual would prohibit the housing of employees on the second floor of the plant. The Company has not made any further proposal.

Mr. Hamilton submitted a set of plans for the Thumb Store which was apparently prepared during the winter. Prints of the plans have been forwarded to the Region Two Office without recommendation of approval.

Hamilton stores also propose moving the bath house at Fishing Bridge to Old Faithful for use as a residence for Manager Povah. This will be in addition to their needs for dormitory space for the upper store and for office and quarters when the lower store terminates operations within a few years.

Approval of the Service Station for West Thumb of the preliminary plans was conveyed to Mr. Hamilton. It is not known whether preparation of the final drawings has proceeded.

[illegible]

[illegible] July of the [illegible] [illegible] [illegible]

The wing of the Lake Hotel was opened on July 1 to provide additional housing accommodations and will remain open until August 31.

A souvenir pocket medal designed and prepared by Jack C. Haynes, authorized Yellowstone photographer, commemorating the 75th Anniversary of the Park, became available and was placed on sale in the various Haynes' shops in the Park.

Interpretive Services. The interpretive services as programmed for the entire summer have progressed satisfactorily during the month. These activities have received much favorable comment from the people who have participated in them and on some instances written compliments on the type of service rendered has been received.

Dr. William F. Hoheisel of the Eastern Montana State Teachers College at Billings has a group of 13 students on a special schooling trip throughout the Park. Special attention has been given this group at each of the focal points around the Park.

A portable public address unit megaphone type has been secured, and during the latter part of July it was used for speaking to large groups in attendance at eruptions of the Riverside Geyser, Daisy Geyser and to those viewing the eruptions of Old Faithful Geyser. It has been found that this unit works quite satisfactorily in dispensing information to these large groups.

Museum Activities and Exhibits. All museums throughout the Park were in full operation during the month and enjoyed the greatest attendance that they have experienced since their establishment.

Several items have been received during the month for accession. Among them was a double barrel shotgun of the muzzle-loading cap-firing type which was found by E. G. Carter of Livingston, Montana, on Lower Blacktail-Deer Creek. No further artifacts were found upon subsequent search of the area.

Plans call for the installation of a shower bath unit in the Norris Museum quarters. On July 15 trees which had grown up in front of the Norris Museum and formed a screen concealing the building from the road were removed. A request has been made for the preparation of working plans for the renovation and rehabilitation of the amphitheatres at Old Faithful, Mammoth, and West Thumb for in all of these structures the logs have rotted away and must be replaced.

Mr. Don Bloss, graduate student at the University of Chicago, is doing research work in the geyser basins on temperature gradient changes in geysers with special equipment prepared in the laboratory of the University of Chicago. Mr. Robert G. Smalley, graduate student at the University of Chicago, is conducting his graduate research work in the thermal area of the Park attempting to run down trace elements in the hydrothermal waters.

Research and Observation. Four permits for the collecting of specimens were granted. These have been issued for botanical specimens, geological specimens, entomological specimens and small mammals. A lone coyote has been seen wandering like a domestic dog among people in the Dunraven Pass picnic area, and has been regularly creating a traffic blockade by stopping automobiles with his begging tactics.

Observations on the nesting activities of birds in the Molly Islands was made July 17. Much valuable information was secured on Cormorants and Pelicans

The wing of the lake hotel was opened on July [illegible] to provide additional [illegible] for [illegible] [illegible] will [illegible] [illegible].

A souvenir pocket model designed and prepared by Jack [illegible], [illegible] Yellowstone photographer, commemorating the 75th anniversary of the park, [illegible] available and was placed on sale in the various souvenir shops in the park.

Interpretive Services. The interpretive services [illegible] [illegible] have received much favorable comment from the people who have participated in them and on some instances written compliments on the type of service [illegible] has been received.

Mr. William E. Hobel of the [illegible] [illegible] [illegible] [illegible] [illegible] park. Several conversations has been given with [illegible] of the [illegible] around the park.

A portable public address unit [illegible] type has been [illegible], and during the larger part of July it was used for [illegible] to large groups in [illegible] at campfires of the Riverside Drive. Many [illegible] to these [illegible] [illegible] of all national [illegible]. It has been [illegible] [illegible] satisfactorily in disseminating information to small [illegible] groups.

Season Facilities and Activity. All concessions throughout the park were in full operation during the month and enjoyed the greatest attendance which they have experienced since [illegible].

Several [illegible] have been required during the month in connection [illegible] [illegible] was a [illegible] [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible]

on Sandy and Rocky Islands.

Sections of Stonetop Mountain at the head of Astringent Creek were observed on July 29. Two very interesting lakes were found, one very turbid and muddy in character, and the other a beautiful emerald green. There were some paint pots and many mud kettles found. At the head of each of the small drainages there proved to be rather large solfatara areas, many hot springs, and in some sections large beds of pure sulphur. A number of Kodachrome 35 mm pictures were made. Pronounced evidence of the wintering of bison in this area was found. Five carcasses of dead animals were found. There were a large number of elk summering in this area, and there is a profusion of wild flowers, especially the Indian Paint Brush and the Fringed Gentian. A number of interesting specimens of spiny sinter were collected, as well as some very interesting volcanic tuff from a bed located near the shore of the emerald green lake. A rather pretty water fall 35 feet in height occurs on Astringent Creek.

Grand Geyser has continued to erupt on an average interval of about 11 hours. Whistle Geyser in the Black Sand Basin was observed in eruption twice during the month, but the last reported eruption actually observed of this geyser was in 1931. Fountain Geyser has been observed in eruption three times, the Fountain Pools twice, and Clepsydra many times. Silex Spring was observed in eruption as a geyser on several occasions.

Increase and Decrease in Travel. The month of July showed a marked increase in travel over 1946, both for the month and for the season. The following table gives a brief analysis:

VISITORS

Period	1947	1946	1947 increase over 1946	Percentage Increase
July Total	321,521	267,296	54,225	-
July Daily Average	10,320	8,622	1,698	20.3
Season Total	533,045	466,486	66,559	14.2

A comparison of the 20.3 per cent increase for the month of July with 14.2 per cent for the 1947 season shows that the past month has a 6.1 per cent greater increase than the average for the season.

A study of the motor vehicle statistics shows a similar comparison.

VEHICLES

Period	1947	1946	1947 increase over 1946	Percentage Increase
July Total	95,320	77,898	17,422	-
July Daily average	3,074.8	2,512.8	562	22.3
Season Total	162,435	141,216	21,219	15.0

It is interesting to note that the percentage increase of visitors for July is 20.3 per cent whereas the vehicle increase for the same month is 22.3 per cent. This indicates that fewer passengers per vehicle are entering the Park this year. During the current month there was an average of 3.37 passengers per vehicle in contrast with 3.45 passengers per vehicle during July of 1946.

on Tandy and Hardy Islands.

Bottoms of Thursday morning as the tend of [illegible] were [illegible] arrival on July 29. The very interesting [illegible] and many [illegible] and the [illegible] a beautiful [illegible] some palms and many [illegible] [illegible] in open meadows large beds of pure [illegible]. [illegible] were made. [illegible] [illegible] of all summering in this area, and there is a [illegible] especially the [illegible] [illegible] spectacle of spiny aloes were noticeable, as well as [illegible] volcanic tuff from a bed located near the [illegible] [illegible] water plenty water fall [illegible] [illegible].

Grand Geyser has continued to erupt on an average interval of [illegible] hours. Middle Geyser is the [illegible] during the month, but the last [illegible] [illegible] quiet for 15 hours. [illegible] the [illegible] [illegible] in eruption as a geyser on several occasions.

Lassen and Cameron is [illegible]. The [illegible] of July [illegible] system is [illegible] for the month and for the season. The following table gives a brief analysis:

Period	[illegible]	July increase	Percentage increase
July total	[illegible]	[illegible]	[illegible]
July daily average	[illegible]	[illegible]	[illegible]
Season total	[illegible]	[illegible]	[illegible]

A comparison of the [illegible] month increase for the season of [illegible] with that for each the [illegible] shows that the past month has a [illegible] greater increase than the average for the season.

A study of the [illegible] [illegible] [illegible] [illegible]

Period	[illegible]	July increase	Percentage increase
July total	[illegible]	[illegible]	[illegible]
July daily average	[illegible]	[illegible]	[illegible]
Season total	[illegible]	[illegible]	[illegible]

It is interesting to note that the percentage increase of visitors for July is [illegible] [illegible] the visitor increase for the same month in the past [illegible]. This indicates that fewer passengers per vehicle are arriving this year than [illegible]. During the current month there was an average of [illegible] passengers per vehicle in contrast with [illegible] passengers per vehicle during July of [illegible].

To date we have had every state in the United States represented as well as Alaska, Hawaii, Panama Canal Zone, Philippine Islands, Puerto Rico and the following foreign countries: Norway, Japan, Cuba, England, Germany, Venezuela and Canada (which is currently leading 32 of the states).

An all-time travel record for one day was established on July 4, when 17,830 persons entered the Park. The previous record single day entry was July 4, 1941, when 13,784 persons entered the Park. Last July 4, 13,146 persons came into the Park. For the three-day holiday, July 4, 5 and 6, 32,302 persons entered the Park this season.

On July 28 the Park travel hit the half million mark, with 504,760 persons having been recorded as of that date.

Visitors. Governor Horace Hildreth of Maine, and his brother Charles and families in on July 1. Governor Hildreth was a seasonal ranger in Yellowstone Park in 1924 and 1925, while his brother Charles was a porter at Mammoth Lodge in 1925. Governor Thomas J. Mabry of New Mexico in West July 11. Governor Meadows of West Virginia and Governor Bradford of Massachusetts in July 17. Governor Thomas E. Dewey of New York and party in West July 18.

On July 16 Andrei Feininger, Life photographer, in the Northeast to photograph the Park features for Life Magazine. Harold Davis, writer and photographer, Louisville Times, in July 29. Dr. George M. Davis, Director, Ramses Council, American Pioneer Trails Association, New York City, in West July 15. Archie E. Sanders, Price Economist, Bureau of Labor statistics, Department of Labor, in July 23. Dr. Kenneth M. Hunter, National Housing Authority, in July 23. Bart Hodges, columnist and cartoonist, originator of "Life's Little Dramas", in July 23. Theodore Wirth, Superintendent Emeritus, Minneapolis City Park System, in Gardiner, July 19.

Dr. Charles S. Piggott, Secretary, Cosmos Club, in July 11. Mr. Sam Wallace, Travel Editor, Chicago Tribune; and George Thiem, columnist, Chicago Daily News, in July 9. Dr. George Gamow, Professor of Physics, George Washington University, Washington, D. C., in July 1. Mr. James F. Vickrey, Sierra Club, Southern California Chapter, Los Angeles, in July 9.

Ranger Service. All protection division personnel were chiefly occupied in protecting the park features and also the unprecedented number of visitors that entered the Park during the month. Entrance station personnel checked an average of 10,320 people per day into the Park. Police protection was maintained, Park rules and regulations enforced, accidents investigated and reported and information and assistance furnished.

Four highway patrol cars were operated all month to enforce Park regulations and for general inspection and protection purposes. Field work consisting of suppressing seven small fires, fish planting and maintenance of trails and patrol cabins was carried out. A large number of man hours were spent searching for Major John F. Adams (retired) who died of a heart attack while on a fishing trip.

During the month eighty identification notices were received for wanted persons in connection with emergencies at their homes. These notices were posted throughout the Park and at the entrance stations.

Police Protection. A total of 16 law enforcement cases were presented before the U. S. Commissioner during July. Of this number, eight were for violations of the speed regulations, one for reckless driving, two for petty larceny, two for disorderly conduct, one for failing to report an automobile accident and two for grand larceny. One case was given 90 days in the Laramie County jail and one case received 10 days in the Mammoth jail. A total of $235.00 was collected in payment of fines for twelve cases.

Two grand larceny cases were bound over to the U. S. District Court at Cheyenne, Wyoming, for trial. One case was charged with grand theft for stealing approximately one hundred sixty-one dollars. The second case was charged with grand larceny for stealing a horse from the Yellowstone Park Company barn and corral at Mammoth.

Wildlife and Fish Cultural Activities. ANTELOPE. Representative bands of antelope frequented grasslands in vicinity of the North Entrance throughout the month where they were viewed and photographed by hundreds of Park visitors. Last spring a number of people, principally residents of Gardiner, expressed their concern that antelope reduction operations of January, 1947, would result in elimination of the usual bands seen in summer in the northern area. Observations to date indicate that reduction of numbers has not adversely affected public display of these animals. On July 30 a female antelope was killed about two miles north of Gardiner by a train. The animal was brought to the laboratory, where it was weighed, measured and examined for parasites. Preliminary analysis of stomach contents indicates that skunkbrush (Rhus trilobata), fringed sagebrush (Artemesia frigida), and either alfalfa (Medicago sativa) or sweet clover (Melilotus spp.) make up about 70 per cent of the food. It would be helpful to have a series of such food analyses to determine the role of antelope in the Northern Range problem where browse has been severely depleted.

BEARS. Individual bears and mothers with small cubs have been numerous around Park roads generally, affording endless attraction to Park visitors. Traffic jams due to cars stopping for a view of these animals have occurred throughout all daylight hours, and numerous automobile accidents--mostly of a minor nature--have been due directly or indirectly to this stoppage and congestion of traffic. Ten personal injuries from bears were reported in July, making a season total of eleven. Most of the injuries occurred in connection with picture-taking and close approach to the animals. Two roadside bears were seriously injured by automobiles and later shot because of their hopeless condition. There were two reported property damages in campgrounds.

A special investigation was made of the grizzly bear problem in the Canyon area as was reported on July 20. Grizzlies are not appearing in as large numbers at night as previously. The Protection Division is cooperating with the sanitation employees at Canyon in an attempt to reduce the accumulation of refuse which has been attracting the bears. All trash is being checked before it is dumped, and a special effort is being made to reduce the wet garbage which has overloaded the incinerator. In two different visits to the garbage and trash dump for the Tower Junction area, a total of eleven black bears was observed to be rummaging for food. Situations of several different bears visiting the garbage cans probably exist throughout the Park, although facilities will not permit a complete investigation this summer.

[illegible] Preparations. A total of 16 has enforcement [illegible] were [illegible] [illegible] [illegible]

A bear inventory of the Park was commenced by the Protection Division on July 29, and is to continue on August 5 and 12 throughout all districts of the Park. Information will be compiled in late August.

BUFFALO. In general, buffalo remained in isolated regions. A herd of about 100 animals frequented the hay fields in Lamar Valley and it was necessary on several occasions to herd them from the fields. On July 16 an old bull on Antelope Creek near the road caused a "buffalo jam" of some 50 automobiles. It was reported that about 100 people left their cars and practically surrounded the old bull in picture-taking activities. The buffalo eventually charged through the crowd, scattering men, women and children under the trees, then crossed the road and retired to a forested hillside. During the evening of the same date, a fisherman reported that an old buffalo bull swam across the Yellowstone River in this vicinity and headed for the high wild country on Specimen Ridge. Summer inspections in the Pelican Valley by fire control aides and others have revealed ten buffalo carcasses, death believed to have been due to starvation during the past winter. Carcasses included four calves, three old bulls and three cows. Normal winter losses in this snowbound area are considerably higher than those in the northern area of the Park where snow conditions are less severe. The Madison Junction and Lower Geyser Basin areas were visited and spot damage was observed. There may be similar areas at the north end of Yellowstone Lake and in Hayden Valley.

MOOSE. Mr. John McMillan, a scientific collaborator who is studying the ecology of the moose in the Willow Park area, is accumulating information which should prove helpful in managing the moose in Yellowstone. He is sampling the area in terms of number of willow twigs browsed and comparison with normal growth in order to determine the present use as well as the potential best use.

Forest Fire Protection. Five Class "A" fires occurred during the month of July, four of which were caused by lightning and one by smokers. These were all reportable fires and it was necessary to set up accounts for each.

The Purple Mountain lookout house was completed on July 16, with the exception of installation of the lightning protection, which was expected to be completed early in August.

The Forest Requirements report was revised for re-submission. Fire training for the blister rust crews was held at Old Faithful and at Canyon. A fire timekeeper's school was held at Mammoth, in which five prospective timekeepers were in attendance. A meeting was held on July 19 to discuss fire dispatching procedure and was attended by all members of the protection force who will be engaged in dispatching work.

Building Fire Protection. Fire hazard inspections of all of the concessionaires' establishments and all government buildings were completed during July. All Yellowstone Park Company establishments were inspected by National Park Service personnel as well as by representatives of the Fireman's Fund Insurance Company. Fire brigades of seasonal employees were organized for all of the large establishments which furnish public accommodations and several fire drills were called both by the management and by rangers who were making fire hazard inspections. In general, conditions were found to be very good. Where hazards were found, which did not require structural improvements, they were corrected at the time of the inspection or within a short time later.

Accidents. Fifty-five motor vehicle accidents were reported during the month and of this number 30 were class "A" and 25 were class "P". Twelve persons suffered personal injuries but there were no fatalities. Two government vehicles were involved in accidents with slight damage to the other vehicles and no damage to the government vehicles.

On the 10th of July, Miss Margaret Powers, age 12, from St. Louis, Missouri, was thrown from a horse near Mammoth and received severe bruises on her hips. On July 7, a 10-year old daughter of Mr. and Mrs. Chris Pardour of Green Bay, Wisconsin, fell and broke her arm while walking on the trail near Tower Falls. On July 6, Leo Monson, 18, Glenwood, Minnesota, drowned at Slide Lake. The body was recovered on July 7 and sent to Glenwood, Minnesota for burial. On July 7, Mrs. Susan Calke, 1020 - 8th Avenue, Great Falls, Montana, 60, died of a heart attack eleven miles east of West Yellowstone on the Madison Junction-West Yellowstone highway. Her body was taken to Great Falls for burial.

John F. Adams, 67, of Burlingame, California, a retired Army Major, was lost while fishing on Tower Creek on July 19. A search was made, which continued through July 24, but the missing man was not located. On July 25, two fishermen, Lawrence Hood and George Imai of Tooele, Utah, discovered the body of Major Adams about two miles up Tower Creek from the Tower Falls campground. The body was packed down and taken to Livingston and later transferred to the Presidio, San Francisco, for burial.

Lois Pallesen, 11, Neligh, Nebraska, drowned in the swimming pool at Old Faithful at 6:45 p.m., July 28. She was found on the bottom of the pool by a Mr. R. B. Stanfield from Ogden, Utah. She remained alive for about two hours but never regained consciousness, even though every possible means was used to revive her. Body removed to Livingston, Montana, for transfer to Nebraska for burial.

On July 28, Herman Hutton, about 25; Robert Clark, about 30 and Gene Reidiman, 30, of Elk Basin, Wyoming, drowned in Yellowstone Lake while fishing in a rented row boat. The boat apparently capsized and sank during a sudden storm with high winds. The bodies have not been recovered.

Personnel. Due to the heavy travel expected, all employees were required to work on the Fourth of July holiday, except those who asked to be excused.

Cecil J. A. Bridges resigned on July 11 at the close of business.

On July 12, Michael Sedar's appointment as Park Ranger, GS-7, was terminated, due to lack of sufficient qualifications for meeting Civil Service requirements for the position.

The resignation of Clerk-Stenographer Wilma S. Haines became effective at 3:00 p.m., July 28.

Miscellaneous. A son was born on July 5 to Mr. and Mrs. Donald A. Horn at the Mammoth Hospital. Mrs. Horn is the daughter of Park Engineer Kohlbrandt. A son was born to Mr. and Mrs. Raymond Nichols of Jardine, Montana, on July 11, at the Mammoth Hospital. A daughter was born on July 15 to Mr. and Mrs. David E. Lyons of Gardiner, Montana, at the Mammoth Hospital. A daughter was born to

Mr. and Mrs. Jesse L. Haworth at the Mammoth Hospital on the 17th. Mr. Haworth is employed as an incinerator operator with the National Park Service at Fishing Bridge. A daughter was born on July 23 to Mr. and Mrs. O. L. Severson, Yellowstone Park employees at Old Faithful. The daughter was born at the Mammoth Hospital. A son was born on July 23 to Mr. and Mrs. Charles E. Harruff of Gardiner, Montana, at the Mammoth Hospital. A daughter was born to Park Ranger and Mrs. Boris T. Vladimiroff at Kellogg, Idaho, on July 26.

Kenneth W. Boyd, Lake Lodge winter keeper, and Betty Jean Locsli, were married in the Mammoth Chapel on July 22. Both are employees of the Yellowstone Park Company at Old Faithful and expect to resume winter keeping activities at Lake.

Word was received on July 15 that William Hirt King, Jr., who was a temporary ranger in Yellowstone National Park from 1922 to 1927 died in Chicago on July 14. Mr. King was an attorney for the Sinclair Oil Company in Chicago.

Mr. and Mrs. Stanley Nowakowski were poisoned due to eating mushrooms which they had picked near Fishing Bridge where they were camping on July 20. Due to the quick thinking and efforts of Park naturalists, rangers and the nurse at Lake and the hurried transportation of the victims to the Hospital at Mammoth, their lives were saved. The couple recovered, but the Medical Service here advises that in such cases, more than 90 per cent results in mortality.

On July 22 the community of Mammoth and visitors were presented a musical program by Frank Van Cott of Cedar City, Utah, and his brother Leroy, Clerk-Stenographer in the Chief Park Naturalist's Office. The program was well presented to an appreciative audience.

A summer Daily Vacation Bible School was conducted by Miss Marjorie Skinner for the period July 21 through July 29. The school was attended daily by over 40 children of the Mammoth community, and it proved to be a very worthwhile program for them.

Edmund B. Rogers,
Superintendent.

In quintuple

cc: Regional Director, Region Two,
In duplicate.
Files (2)
cc
JJ/srj

Fishing Bridge continues to prove a popular fishing spot.
7-5-47 - Condon

These people are not boating - they are fishing on the Yellowstone river. Thousands of fish have been taken this year. 7-5-47 - Condon.